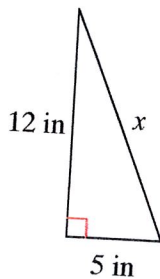


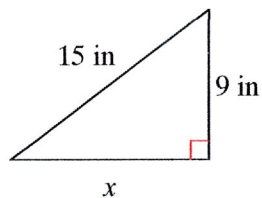
Name \_\_\_\_\_

Sem 2 TH #1

1. Solve using the pythagorean theorem



2. Solve using the Pythagorean theorem



3. Simplify the radical

$$\sqrt{24}$$

4. Simplify the radical

$$3\sqrt{80}$$

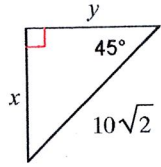
5. Simplify:

$$2\sqrt{12} * \sqrt{8}$$

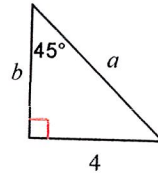
6. Simplify:

$$\frac{6}{\sqrt{2}}$$

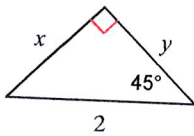
7.  $x = \underline{\hspace{2cm}}$   $y = \underline{\hspace{2cm}}$



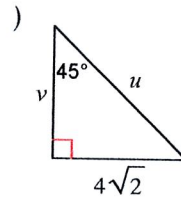
8.  $a = \underline{\hspace{2cm}}$   $b = \underline{\hspace{2cm}}$



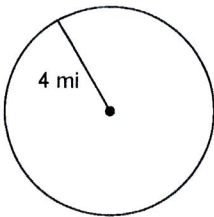
9.  $x = \underline{\hspace{2cm}}$   $y = \underline{\hspace{2cm}}$



10.  $u = \underline{\hspace{2cm}}$   $v = \underline{\hspace{2cm}}$



11. Find the area of the circle  
 $A = \pi r^2$



12. Find the circumference of the circle  
 $C = 2\pi r$

